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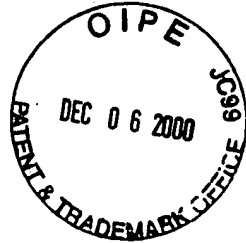
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Edwin Southern

Serial No. 09/422,804

Filed October 22, 1999



THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

Group Art Unit 1631

Examiner A. Marschel

ANALYSING POLYNUCLEOTIDE SEQUENCES

RECEIVED

DEC 11 2000

TECH CENTER 1600/2900

PATENT OFFICE FEE TRANSMITTAL FORM

Assistant Commissioner for Patents,
Washington, DC 20231

Sir:

Attached hereto is a check in the amount of \$5,480.00 to cover Patent Office fees relating to filing the following attached papers:

Petition for Extension of Time \$890.00

Additional Claims Fee

Transmittal Letter \$4,590.00

A duplicate copy of this paper is being submitted for use in the Accounting Division,
Office of Finance.

The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

Respectfully submitted,

Edwin Southern

By Warren M. Cheek, Jr.
Warren M. Cheek, Jr.
Registration No. 33,367
Attorney for Applicant

WMC/dlk
WENDEROTH, LIND & PONACK, L.L.P.
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Washington, D.C. 20006
Telephone (202) 721-8200
December 6, 2000

[Check No. 41055]

99_1174

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Edwin Southern

Serial No. 09/422,804

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ADDITIONAL CLAIMS FEE TRANSMITTAL LETTER

TECHNICAL CENTER 1600/2900

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application. Additional fees required as a result of this Amendment are calculated as follows:

| | SMALL ENTITY | | LARGE ENTITY |
|---|--------------|----|---------------------|
| Total Claims exceeding 20 (not already paid for): 160 x | (\$ 9 = \$) | or | (\$18 = \$2,880.00) |
| Indep. Claims exceeding 3 (not already paid for): 18 x | (\$40 = \$) | or | (\$80 = \$1,440.00) |
| [X] Multiple Dep. Claim(s) (if there previously were none): + | (\$135 = \$) | or | (\$270 = \$270.00) |
| Total Additional Fee = | \$ | or | <u>\$4,590.00</u> |

☐ Small entity status of this application is established by the verified statement under 37 C.F.R. 1.9 and 1.27 which

☐ is enclosed or

☐ has been previously submitted.

[X] A check in the amount of \$4,590.00 is enclosed.

- [] Please charge Deposit Account No. 23-0975 the amount of \$ to cover additional fee. The Commissioner is authorized to charge any deficiency associated with this communication or to credit any overpayment to the Deposit Account. The original and two copies of this document are enclosed.

Respectfully submitted,

Edwin Southern

By Warren M. Cheek, Jr.
Warren M. Cheek, Jr.
Registration No. 33,367
Attorney for Applicant

WMC/dlk
Washington, D.C.
Telephone (202) 721-8200
December 6, 2000

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS

(X) Original () Supplemental () Substitution () PCT () DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: ANALYSING POLYNUCLEOTIDE SEQUENCES

which is described and claimed in:

() the attached specification, or
 (X) the specification in the application Serial No. 07/695,682 filed May 3, 1991
 and with amendments through _____ (if applicable),
 () the specification in International Application No. PCT/_____, filed
 _____, and as amended on _____ (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| COUNTRY | APPLICATION NO. | DATE OF FILING | PRIORITY CLAIMED |
|---------------|-----------------|----------------|------------------|
| Great Britain | 8810400.5 | May 3, 1988 | (X) YES () NO |
| _____ | _____ | _____ | () YES () NO |
| _____ | _____ | _____ | () YES () NO |
| _____ | _____ | _____ | () YES () NO |
| _____ | _____ | _____ | () YES () NO |
| _____ | _____ | _____ | () YES () NO |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| SERIAL NO. | U.S. FILING DATE | STATUS |
|----------------|--------------------|--|
| PCT/GB89/00460 | May 2, 1989 | () Patented (X) Pending () Abandoned |
| 07/573,317 | September 28, 1990 | () Patented (X) Pending () Abandoned |
| _____ | _____ | () Patented () Pending () Abandoned |

And I hereby appoint V. M. Creedon, Reg. No. 17111, John T. Miller, Reg. No. 21120, John T. Fedigan, Reg. No. 24347, Michael R. Davis, Reg. No. 25134, Matthew M. Jacob, Reg. No. 25154, Jeffrey Nolton, Reg. No. 25408, and Henry M. Zykorie, Reg. No. 27477, who together constitute the firm of WENDEROTH, LIND & PONACK, jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from _____ as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Send Correspondence to:

Direct Telephone Calls to:

WENDEROTH, LIND & PONACK
 Southern Building - Suite 700
 805 Fifteenth Street, N.W.

WENDEROTH, LIND & PONACK
 Area Code (202) 371-8850

| | | | |
|---------------------------|--------------------------------------|-----------------------------|---|
| FULL NAME OF 1ST INVENTOR | FAMILY NAME SOUTHERN | FIRST GIVEN NAME Edwin | SECOND GIVEN NAME |
| RESIDENCE & CITIZENSHIP | CITY Oxford | STATE OR COUNTRY England | COUNTRY OF CITIZENSHIP Great Britain |
| POST OFFICE ADDRESS | ADDRESS 30 Staverton Road, Oxford | CITY England | STATE OR COUNTRY OX2 6XJ |
| FULL NAME OF 2ND INVENTOR | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | ADDRESS | CITY | STATE OR COUNTRY ZIP CODE |
| FULL NAME OF 3RD INVENTOR | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | ADDRESS | CITY | STATE OR COUNTRY ZIP CODE |
| FULL NAME OF 4TH INVENTOR | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | ADDRESS | CITY | STATE OR COUNTRY ZIP CODE |
| FULL NAME OF 5TH INVENTOR | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | ADDRESS | CITY | STATE OR COUNTRY ZIP CODE |
| FULL NAME OF 6TH INVENTOR | FAMILY NAME | FIRST GIVEN NAME | SECOND GIVEN NAME |
| RESIDENCE & CITIZENSHIP | CITY | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE ADDRESS | ADDRESS | CITY | STATE OR COUNTRY ZIP CODE |

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Edwin Southern Date 20th July 1991
 2nd Inventor _____ Date _____
 3rd Inventor _____ Date _____
 4th Inventor _____ Date _____
 5th Inventor _____ Date _____
 6th Inventor _____ Date _____

The above application may be more particularly identified as follows:

U. S. Application Serial No. 07/695,682 Filing Date May 3, 1991
 Applicant Reference Number PP/IR/7644/USCIP Atty Docket No. 263/PP1R7644USCIP
 Title of Invention ANALYSING POLYNUCLEOTIDE SEQUENCES